

### #315 SAFETY IN HIGH PRESSURE SYSTEMS

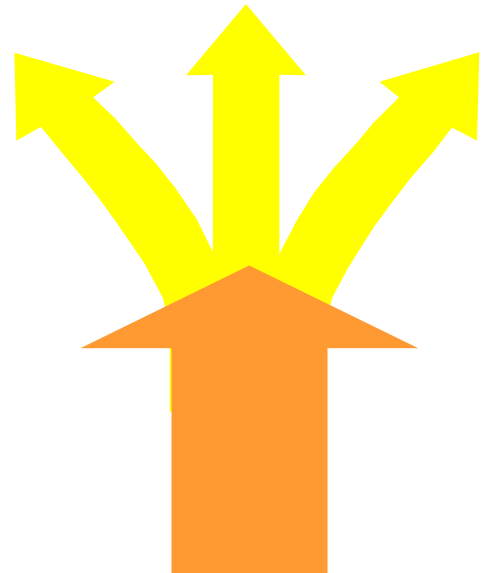
High Pressure System Safety, is designed to provide the student with a working knowledge of safety issues associated with the use of high pressure ground systems. It was developed to provide the foundation for meeting our goal of contributing to improving the overall safety of NASA operations, in this case by improving safety of our high pressure ground systems hardware and operations. The primary purpose of the course is to assist the student in identifying risks associated with high pressure applications in facilities, ground systems, and operations; and in controlling those risks by design, inspection, and operational procedures

#### Target Audience:

The course is designed for engineers, designers, operators, and program/project management personnel, as well as safety, reliability, quality, maintainability and health professionals who may have the responsibility for acquisition, design, analysis, maintenance, inspection, and/or supervision and accomplishment of operations involved with high pressure ground systems.

#### Instructor:

Mr. Robert "Bob" Fischer, Principal Engineer, employed with Quantum Technology Services Inc., (QTSI), Cocoa Beach, FL, holds a B.S. degree in Aeronautical Engineering from the University of Colorado.. He has extensive experience in fluids systems design, fabrication and operations as associated with missile and space launch ground support equipment. Although his expertise is in cryogenic systems, he was supervisor of the Converter Compressor Facility gaseous supply facilities for the Apollo and Space Shuttle programs at the Kennedy Space Center (KSC). He has been manager of cryogenic design groups both for NASA contractors and private industry. During his 30 plus years in the propellants field, he has presented papers at various seminars and corporate executive briefings. In addition, he still remains as a supporting guest on the KSC Pressure Vessel/System Certification Committee. Although retired, he has served as a consultant for many NASA contractors requiring his expertise in design and certification of propellant systems.



#### Dates:

June 13 - 14, 2006  
8:00-4:30

Location: MSFC  
Building 4200, Room G13D

This course provides 1.2  
Continuing Education Units